

④



$$A = \frac{\text{rise}}{\text{run}} = \frac{4}{1} = 4 \text{ m/s}^2$$

$$B = \frac{\text{rise}}{\text{run}} = \frac{1}{2} = .5 \text{ m/s}^2$$

$$C = \frac{\text{rise}}{\text{run}} = \frac{0}{4} = 0 \text{ m/s}^2$$

$$D = \frac{\text{rise}}{\text{run}} = \frac{1}{3} = .3 \text{ m/s}^2$$

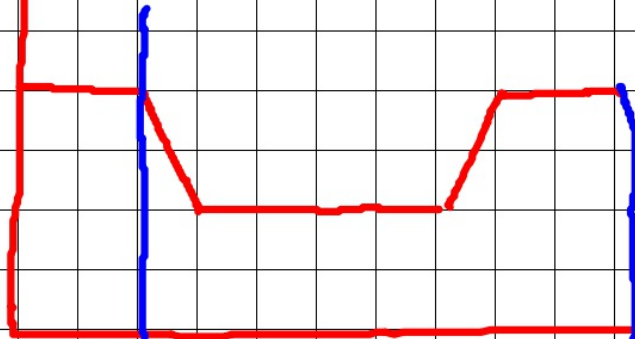
$$= .33 \text{ m/s}^2$$



⑤

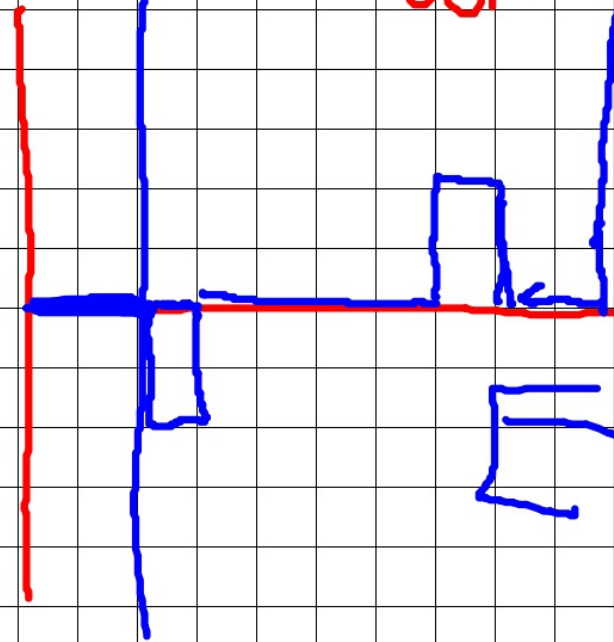
v

$v-t$



a

a



$$A = \frac{\text{Rise}}{\text{Run}} = \frac{0}{2} = 0 \text{ m/s}^2$$

$$B = \frac{\text{Rise}}{\text{Run}} = \frac{2}{2} = 1 \text{ m/s}^2$$

$$C = \frac{\text{Rise}}{\text{Run}} = \frac{1}{0} = \infty \text{ m/s}^2$$

$$D = 2 \text{ m/s} / 1 \text{ s} = 2 \text{ m/s}^2$$

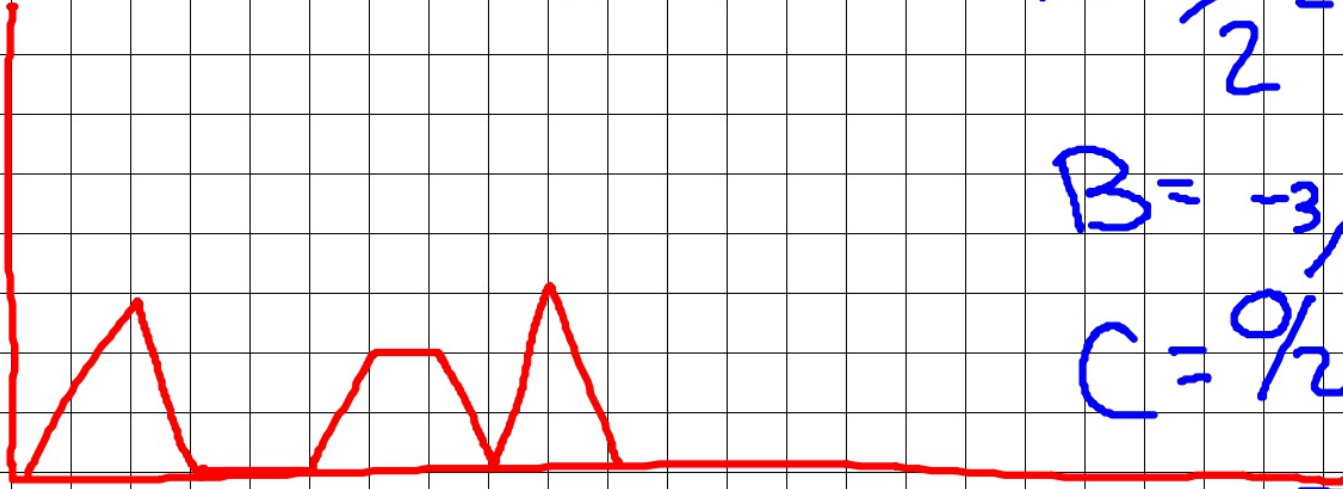
t

$$E = \frac{v}{t} = \frac{0}{2} = 0 \text{ m/s}^2$$

⑥

v

v



$$A = \frac{3}{2} = 1.5 \text{ m/s}^2$$

$$B = -3/1 = -3 \text{ m/s}^2$$

$$C = 0/2 = 0 \text{ m/s}^2$$

$$D = \frac{2}{1} = 2 \text{ m/s}^2$$

$$E = 0/1 = 0 \text{ m/s}^2$$

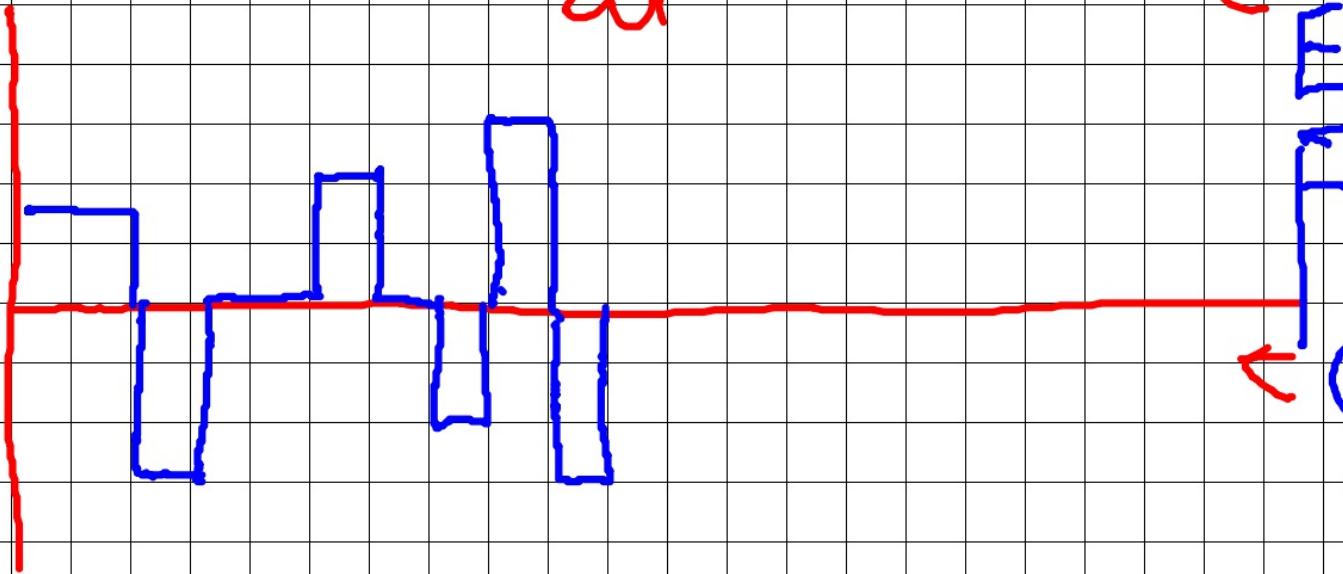
$$F = -2/1 = -2 \text{ m/s}^2$$

$$G = 3/1 = 3 \text{ m/s}^2$$

$$H = \frac{3}{1} = 3 \text{ m/s}^2$$

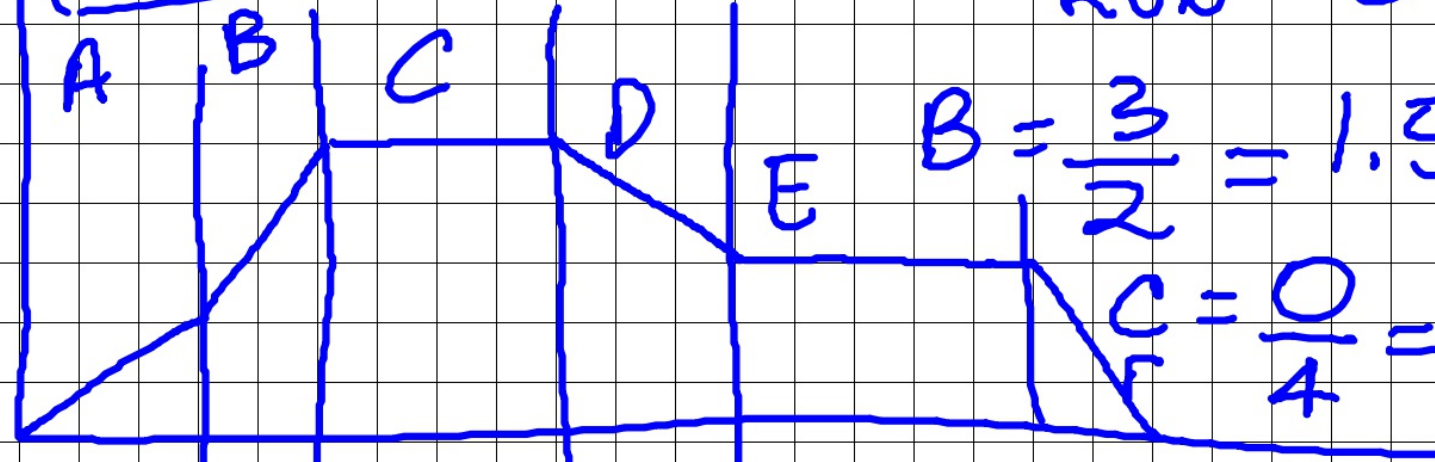
a

a



ANOTHER EXAMPLE

v



\sqrt{t}

$$A = \frac{\text{Rise}}{\text{Run}} = \frac{2}{3} = .67 \text{ m/s}^2$$

$$B = \frac{3}{2} = 1.5 \text{ m/s}^2$$

$$C = \frac{0}{4} = 0 \text{ m/s}^2$$

$$D = \frac{-2}{3} = -.67 \text{ m/s}^2$$

$$E = \frac{0}{5} = 0 \text{ m/s}^2$$

$$F = \frac{-3}{2} = -1.5 \text{ m/s}^2$$

a

at

